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DATE: January 3, 2006

PTO IDENTIFIER: Application Number 10/801366-Conf. #3154
Patent Number
Inventor: Edward F. LEONARD et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: WILMER CUTLER PICKERING HALE AND DORR LLP

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PAGES (Including Cover Sheet): 17

CONTENTS: Reply to December 2, 2005 Office Action (2 pages)
Copy of December 2, 2005 Office Action (7 pages)
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PTO/SB/07 (09-04)

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Application No. (if known): 10/801366

Attorney Docket No.: 19240.145US2

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Reply to December 2, 2005 Office Action (2 pages)
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/801,366 | 03/15/2004 | Edward F. Leonard | 19240.145-US2 | 3154 |
| 56949 | 7590 | 12/02/2005 | EXAMINER | |
| WILMER CUTLER PICKERING HALE AND DORR LLP | | | | KIM, SUN U |
| COLUMBIA UNIVERSITY | | | | |
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| NEW YORK, NY 10020 | | | | |

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DATE MAILED: 12/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

WILMER CUTLER PICKERING
 HALE AND DORR LLP DOCKETING
 RE: 19240-145-US2
 Action Date: 12/02/06
 Action to be Taken: Restriction true
 Drafted By: SAN On: 12/06/06

| | | |
|------------------------------|-------------------------------|--------------------------------|
| Office Action Summary | Application No. 10/801,366 | Applicant(s) LEONARD ET AL. |
| | Examiner John Kim | Art Unit 1723 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 15 March 2004.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-43 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) _____ is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) 1-43 are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ . |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ . | 6) <input type="checkbox"/> Other: _____ . |

Form PTO-948 (Rev. 06/03)
Application No. 10/801,366U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 03/15/2004 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

| | |
|--|--|
| 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required). | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) |
| — Color drawings are not acceptable until petition is granted. Fig(s) _____ | — Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ |
| — Pencil and non black ink not permitted. Fig(s) _____ | 9. SCALE. 37 CFR 1.84(k) |
| — One (1) full-tone set is required. Fig(s) _____ | — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ |
| — Photographs may not be mounted. 37 CFR 1.84(e) | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) |
| — Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____ | ✓ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-9 |
| — Poor quality (half-tone). Fig(s) _____ | 11. SHADING. 37 CFR 1.84(m) |
| 3. TYPE OF PAPER. 37 CFR 1.84(e) | — Solid black areas pale. Fig(s) _____ |
| — Paper not flexible, strong, white, and durable. Fig(s) _____ | — Solid black shading not permitted. Fig(s) _____ |
| — Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: | — Numbers and reference characters not plain and legible. Fig(s) _____ |
| — 21.0 cm by 29.7 cm (DIN size A4) or | — Figure legends are poor. Fig(s) _____ |
| — 21.6 cm by 27.9 cm (8 1/2x 11 inches) | — Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ |
| — All drawing sheets not the same size. Sheet(s) _____ | — English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ |
| — Drawings sheets not an acceptable size. Fig(s) _____ | — Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____ |
| 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | 13. LEAD LINES. 37 CFR 1.84(q) |
| — Margins not acceptable. Fig(s) _____ | — Lead lines missing. Fig(s) _____ |
| — Top (T) Left (L) | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) |
| — Right (R) Bottom (B) | — Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____ |
| 6. VIEWS. 37 CFR 1.84(h) | 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) |
| REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. | — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____ |
| — Views not labeled separately or properly. Fig(s) _____ | 16. DESIGN DRAWINGS. 37 CFR 1.152 |
| 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) | — Surface shading shown not appropriate. Fig(s) _____ |
| — Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____ | — Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____ |

COMMENTS:Reviewer SON LAMDate 11/23/2005If you have questions, call (703) 305-8404.

Attachment to Paper No. _____

305-0333 (EXT. 133)

★ U.S. GOVERNMENT PRINTING OFFICE: 2003-300-153